The availability of extensive digital media creates important new challenges. The World Wide Web offers huge amounts of image material, that opens up new avenues for innovative investigation, including in the field of post-colonial and global studies. However, between repositories, big data, Wikipedia or Flickr, the connections between materials are getting lost. Metadata have to be added painstakingly and manually into the system - otherwise numerous sources will remain unexplored and closed to research. This is where the Dutch-German project starts: In cooperation between historians of architecture and urban form and computer scientists the project aims to develop new tools for automatic building recognition of architectures and their parts as available in inherently diverse digital media (plans, photos, models, etc.) and on the web. The computer side includes image recognition, deep learning, computer vision research, actual 3d datasets. Three interconnected pilot studies will be carried out: Global Ports and Waterfronts; Colonial Architecture; Japanese Architecture.

Projektbeteiligte

Prof. Dr.-Ing. Carola Hein
Delft University of Technology
Faculty of Architecture and the Built Environment
Dept. of Architecture-History of Architecture and
Urban Planning
DELFT
Niederlande

Dr. Jan van Gemert
Delft University of Technology
Faculty of Electrical Engineering, Mathematics and
Computer Vision Lab
Delft
Niederlande

Dr. Victor de Boer

VU University Amsterdam

Department of Computer Science

Business, Web and Media group

Amsterdam

Niederlande

Dr. Beate Löffler

Universität Duisburg-Essen

IN EAST School of Advanced Studies

Duisburg

Prof. Dr. Dirk Schubert

HafenCity Universität Hamburg

Fachbereich Stadtplanung

Hamburg

Es werden die Institutionen genannt, an denen das Vorhaben durchgeführt wurde, und nicht die aktuelle Adresse.

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